The Role of E-Learning During the Covid-19 Pandemic in West Bengal: Advantageous, Problems and Ameliorate on Higher Learners Students

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Abstract: E-learning is a medium through which we use an electronic device to acquire and learn skills.E-learning expands the store of knowledge anytime and anywhere outside our educational and educational institutions. During the Covid-19 Pandemic we used this is learning as the only key to sustain our education system. Therefore, there is no doubt that e-learning is further advancing our education system. But in the past situation and in the present situation, we can say that not everyone is getting equal opportunity in the education system or learning through e-learning. The teachers and the students have to face a lot of problems when we or any Youtubers use any mobile or electronics device. That's why I personally selected 36 participants to facilitate this type of research who are deeply involved in learning in a variety of ways. And by collecting a lot of information from those selected students, I have shown here what kind of problems teachers and students have in the course of learning that hinder their learning. Again, how to get rid of those problems. In addition, we have tried to give an important idea of the advantages and disadvantages of the current education system in India.

Keywords: E-learning, Covid-19 Pandemic, Advantageous of E-learning, Problems of E-learning, Resolution of E-learning.

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1. Introduction:

From ancient times the human society has been trying to implement their thinking. Due to which people try to make the things they think about and imagine the past into reality. These can be a mobile, iPad wireless internet or any computer. Hundreds of years ago today, these technologies were unimaginable and are slowly reaching the age of advanced technology. People did not think that their imagination would be realized so much. And yet the implementation of these various technologies continues due to which the education system is moving forward on the path of development. Today, the most interesting thing is that e- learning is standing. That is electronic learning or mobile internet connected learning. The horror of Covid-19 Pandemic made it impossible to pursue higher education without e-learning. On the other hand, without e-learning, we would never know what is happening and what is not happening in any part of the world. This means that now we know how e-learning is constantly helping higher education students through this learning, what kind of problems are being faced and how students will overcome this problem.

2. Objectives:

➢ We can call this e-learning some electronic devices on higher learners students.

➢ How important is the role of e-learning in managing our education on higher learners students?

➢ What are the challenges students face in higher education while studying through e-learning on higher learners students?

➤ There are several ways to solve the problems of e-learning on higher learners students.

3. Methodology :

This research is basically qualitative research. For this study, data had to be collected from many angles. For example, I have taken various research papers, articles, various journals, abstract books, various websites, various blogs and youtube in the Central Library and Shodhganga. And above all, I have selected 30 college and university students as purposeful samples after these. Even I have participated in various seminars related to this subject and have given lectures in different educational institutions.

4. Concept of E-learning :

E-learning is learning through which students acquire knowledge on various subjects using various electronics devices. On the other hand, the teaching process is not limited to the classroom, teaching is possible outside the classroom and in the open field, such as on the street, in any part of the world where there is an internet system. The key to e-learning is any electronic device that can be connected to the Internet, that is, electronic devices and the Internet. Different words can be used to describe the process of providing online education through the internet, these are open and distance learning, computer and electronics , online learning, internet learning and many more types of learning, that are done online and offline. When there is an internet connection with an electronics device and through it we receive education initiation it is called online education. When we learn by seeing or hearing what is uploaded to any electronics device, we call it offline learning. But these two lessons are e-learning. In offline learning students have flexibility where they themselves acquire knowledge on various subjects. On the other hand, teaching in online mode has less flexibility but more students can study together online than offline. So anyway e-learning we will say only when any learning process will be done using any electronics-gadgets. And this opportunity is for the most effective higher learner students, all students who attend college and university. Again, we use e-learning every night, from waking up in the morning to going to bed at night, to build ourselves up and gain knowledge. Such as YouTube videos, Instagram, Facebook, Twitter, various blogs, various apps, etc. And all of these are used by higher students to a greater extent so that their knowledge is increasing. So no one can say that this e-learning opportunity has been used by higher learners students during the covid-19 Pandemic.

5. Definitions of E-learning:

These are the different perspectives of different experts on e-learning-

➤ "E-learning is the use of information and computer technologies to create the learning experience."(Horton,2006)

➤ "Broad definition of the field of using technology to deliver learning and training programs . Typically used to describe media such as CD ROM, internet, intranet ,Wireless and mobile learning".(Kruse,2002).

➤ "E-learning is the use of electronic media for a variety of learning purposes that range from add-on functions in conventional classrooms to full substitution for the face-to-face meetings by online encounters" (Guri-Rosenblit, 2005).

➤ "E-learning is to take a course online using a modem, wireless, or cable connection to access academic course material from a computer, phone, or handheld device" (Governors State University, 2008).

➤ "E-learning is the use of Network Technology to design, delivers, ,select, administer and extend learning."(Elliott Masie,Nov,1999)

➤ "E-learning is distance education through remote resources" (Marques, 2006).

➤ "E-learning is the use of technology to deliver learning and training programs" (E-learning portal, 2009).

➢ "The internet has become on of the vital ways to make available resources for research and e-learning for both teachers and students to share and acquire information."(Richard and Haya,2009).

➢ "E-learning is the delivery of education (all activities relevant to instructing, teaching, and learning) through various electronic media" (Koohang& Harman, 2005).

6. Advantageous of e-learning during covid-19 pandemic on Higher learners Students:

Our education system has been shutting down since January 30, 2020, the first day that Covid-19 Pandemic was understood in our country. At that moment e-learning has given a lot of educational opportunities to the students in the field of higher education and they are-

1. E-learning has saved the value of education in the lives of high school students when suddenly all educational institutions close down.

2. And today, despite the small influence of Covid-19 Pandemic, e-learning continues to provide opportunities for higher education.

3. E-learning has further digitized our education system so that higher students can learn a lot.

4. With the advent of e-learning, higher students have been able to receive degrees and education from different countries at home.

5. E-learning has given so many opportunities to higher students that students can study at any time and less time is wasted.

6. It is not possible to study at any of the educational institutions of Covid-19 Pandemic, so higher education is always to be taken with the help of e-learning.

7. As a result of e-learning, communication between students has become stronger and higher students have become more interested in this subject.

8. E-learning has to be enlisted when higher learners students are unable to physically participate in seminars, various workshops and meetings.

9. Nowadays the word 'webinar' is more prevalent among higher students and it has become more effective as a result of learning.

10. E-learning has led to digitization among higher learners students so almost all students have adopted this education.

11. Those who are financially weak in higher education are always taking the help e- learning.

12. E-learning protects teachers and students from wasting time and other activities. If a class is not available online at that time, the uploaded video of that class can be viewed later.

13. Although it is not possible to meet the full demand of higher students, the only hope in this situation is e-learning.

14. Every higher learners students is able to take classes according to their own merits.

15. When a teacher gives an idea about a subject during an online class, the higher students quickly grasp it because the chat, diagram and various pictures of the subject are shown there.

So I can say that e-learning has revolutionized the education system of our lives during the Covid-19 Pandemic worldwide. And so the Indian government has taken many steps to ensure that every student gets this facility properly. So the way of e- learning is benefiting our education system even today cannot be over stated.

7. Problems of e-learning faced by teachers and higher learners students during covid-19 Pandemic:

The problems that teachers and higher learners students face while receiving and imparting

education through e-learning are-

1. Our country's internet system has changed from 2G to 3G ,4G and now 5G is coming but we are facing various problems. Such as call drop off during online classes, Watch the video vaguely etc.

2. Most of the people in India are living in poverty. That's why I don't have money to buy a little mobile. As a result, even if there is an attitude of education of a higher student, it is not possible to achieve it due to which he is lagging behind in education.

3. The Internet offers high school students with both the essentials and the non-essentials, but students are becoming more and more attracted to the non-essentials, causing problems for students.

4. There are many students who do not like to be educated through e-learning. Most of those students are lagging behind in the classroom, making them more vulnerable to learning.

5. There are also students who have eye problems who cannot stare at their mobile and computer screens for long periods of time making learning through e-learning much more difficult.

6. The minds of the present students are full of curiosity in excuses, So there are many students who talk about various excuses or problems such as no charge on mobile, no network, bad mobile, etc. as a result of which a small number of students are lagging behind in their studies.

7. Many higher education students who live below the poverty line have less technical knowledge and therefore cannot access education through e-learning.

8. Higher students are not properly assessed through e-learning, This is because many students sit at home and try to cheat.

9. There are many poor families who have boys' mobiles at home and girls do not have them so many students are unable to take online classes.

8. How to Ameliorate of E-learning during covid-19 Pandemic on higher learners students:

It describes how problems can be solved and improved in the Covid-19 situation-

1. If our education system is largely self-reliant on e-learning, then the government should provide free mobile and WiFi to higher education students.

2. To fully understand e-learning you need to start a short course for higher students and complete the course before the education system is introduced then students will benefit from learning.

3. Content in e-learning needs to be presented in a very good way, charts, histograms, graphs and pictures of different content will have to be drawn if necessary.

4. Take the help of 3D animation to understand different aspects of science and use the technology that is needed for it.

5. Teachers need to be aware of relevant topics to increase students' patience and thirst for knowledge, This is because of the fact that in today's world of online classes, it is difficult to control.

6. In a traditional classroom, the teacher gives more importance to the answer given by a student, but in the case of e- learning, all the students who are there should be given equal importance.

7. A special responsibility of the teacher during the online class is to ensure that the students who are there are getting the right service and this will increase the interest of the students to take online classes.

8. Students' teachers will always motivate them to reduce their mental agitation.

9. E-learning does not require teachers to use different methods or lectures while learning.

10. Teachers should use marketable software while providing online education. Do not use any unknown software.

11. Electronic devices that teachers need to use to teach students are mobile computers, iPads, Kindles, etc.

9. Conclusion:

Many educational institutions in West Bengal use e-learning to enhance student performance. In order to make the development of students more work oriented, skills training of students and above all, application of research and e-learning is invaluable. There are many organizations for conducting this e-learning that always keep in mind the students and make rules on how to apply more in higher education. After all, e-learning has greatly improved our education since the dawn of time. So the use of e-learning needs to be further enhanced so that in higher education, you can know many unknown and see many unseen.

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